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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/381,334	11/18/1999	KARI VIRTANEN	PM264014	3837

909 7590 12/16/2005

PILLSBURY WINTHROP SHAW PITTMAN, LLP  
P.O. BOX 10500  
MCLEAN, VA 22102

EXAMINER
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IQBAL, KHAWAR

ART UNIT	PAPER NUMBER
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2686

DATE MAILED: 12/16/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	09/381,334	VIRTANEN, KARI	
	<b>Examiner</b>	<b>Art Unit</b>	
	Khawar Iqbal	2688	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 03 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on 11-29-05.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 1-13 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-13 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

## DETAILED ACTION

### *Claim Rejections - 35 USC § 102*

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-13 are rejected under 35 U.S.C. 102(e) as being unpatentable by Nordman (6061346).
3. Regarding **claim 1** Nordman teaches a method of registration in a telecommunications system by a mobile station, which system comprises a home location register for maintaining subscriber data and supports a first network, and a second network, the method comprising: (figs. 1-4):

maintaining the mobile subscriber data in the home location register, and sending, from another network element, a message to the home location register for requesting the mobile subscriber data, comprising address information for accessing the mobile subscriber via the first network and second network (col.7, lines 36-67, col.8, line 50-col. 9 line 30),

the home location register maintaining a subscriber-specific access parameter which indicates, independently of the address information, whether the mobile

Art Unit: 2688

subscriber is entitled to use the first network, the second network or both networks (col.7, lines 36-67, col.8, line 50-col. 9 line 30);

wherein the first network and second network are provided by common operator(col.7, lines 36-67, col.8, line 50-col. 9 line 30);

in response to said message for requesting the subscriber data, the home location register sending the mobile subscriber data and also said subscriber-specific access parameter (col.7, lines 36-67, col.8, line 50-col. 9 line 30);

the network element that requested the mobile subscriber data using said access parameter for restricting the access of the mobile subscriber only to the first network or to the second network (col.7, lines 36-67, col.8, line 50-col. 9 line 30).

Regarding **claim 2** Nordman teaches a method of registration in a telecommunications system by a mobile station, which system comprises home location register for maintaining subscriber data and supports a first network, and a second network, (figs. 1-4) the method comprising:

Storing, in the memory of a mobile station, mobile subscriber data comprising address information for accessing the mobile subscriber via the first and second network (col.7, lines 36-67, col.8, line 50-col. 9 line 30, col. 6, lines 4-27);

Storing, in the memory of a mobile station, a subscriber-specific access parameter indicating whether the mobile subscriber is entitled to use the first network, the second network or both networks (col.7, lines 36-67, col.8, line 50-col. 9 line 30, col. 6, lines 4-27); and

wherein the first network and second network are provided by common operator(col.7, lines 36-67, col.8, line 50-col. 9 line 30);

the mobile station using said access parameter to restrict the access of the mobile subscriber only to the first and/or the second network (col.7, lines 36-67, col.8, line 50-col. 9 line 30, col. 6, lines 4-27).

Regarding **claim 3** Nordman teaches the mobile subscriber's access can be restricted only to one network even though a short message service had been defined for the mobile subscriber (col.7, lines 36-67, col.8, line 50-col. 9 line 30, col. 6, lines 4-27).

Regarding **claims 4-6** Nordman teach wherein the network element that requested the mobile subscriber data uses said access parameter to prevent location updating in a network which the mobile subscriber is not entitled to use (col.7, lines 36-67, col.8, line 50-col. 9 line 30, col. 6, lines 4-27).

Regarding **claims 7,11,13** Nordman teach first network is a circuit-switch and second is packet-switched (col.7, lines 36-67, col.8, line 50-col. 9 line 30, col. 6, lines 4-27).

Regarding **claim 8** Nordman teaches a data structure embodied in a tangible, comprises (figs. 1-4)

mobile subscriber data in a telecommunications system which supports a first and a second network the mobile subscriber data comprising address information for accessing the mobile subscriber via the first and second network (col.7, lines 36-67, col.8, line 50-col. 9 line 30, col. 6, lines 4-27);

Art Unit: 2688

wherein the first network and second network are provided by common operator(col.7, lines 36-67, col.8, line 50-col. 9 line 30);

a subscriber-specific access parameter which indicates, independently of address information whether the mobile subscriber is entitled to use the first network, the second network or both networks (col.7, lines 36-67, col.8, line 50-col. 9 line 30, col. 6, lines 4-27).

Regarding **claim 9** Nordman teaches wherein the data structure is located in a home location register of the telecommunications system (col.7, lines 36-67, col.8, line 50-col. 9 line 30, col. 6, lines 4-27).

Regarding **claim 10** Nordman teaches wherein the data structure is located in the memory of the mobile station (col.7, lines 36-67, col.8, line 50-col. 9 line 30, col. 6, lines 4-27).

Regarding **claim 12** Nordman teaches wherein the data structure is located Subscriber Identity Module of the mobile station (col.7, lines 36-67, col.8, line 50-col. 9 line 30, col. 6, lines 4-27).

Claims 1-8 are rejected under 35 U.S.C. 102(e) as being unpatentable by Salin et al (6370390).

4. Regarding **claims 1-3, 8** Salin et al teaches a method of registration in a telecommunications system by a mobile station, which system comprises a home location register for maintaining subscriber data and supports a first network, and a second network, the method comprising: (figs. 1-6):

maintaining the mobile subscriber data in the home location register, and sending, from another network element, a message to the home location register for requesting the mobile subscriber data, comprising address information for accessing the mobile subscriber via the first network and second network (col.17, line 16-col. 18, line 55, col. 10, lines 15-65),

the home location register maintaining a subscriber-specific access parameter which indicates, independently of the address information, whether the mobile subscriber is entitled to use the first network, the second network or both networks (col.17, line 16-col. 18, line 55, col. 10, lines 15-65, figs. 1-6);

wherein the first network and second network are provided by common operator (col.17, line 16-col. 18, line 55, col. 10, lines 15-65);

in response to said message for requesting the subscriber data, the home location register sending the mobile subscriber data and also said subscriber-specific access parameter (col.17, line 16-col. 18, line 55, col. 10, lines 15-65);

the network element that requested the mobile subscriber data using said access parameter for restricting the access of the mobile subscriber only to the first network or to the second network (col.17, line 16-col. 18, line 55, col. 10, lines 15-65, see above).

Regarding **claims 3-7** Salin et al teaches the mobile subscriber's access can be restricted only to one network even though a short message service had been defined for the mobile subscriber (col.17, line 16-col. 18, line 55, col. 10, lines 15-65).

***Response to Arguments***

5. Applicant's arguments with respect to claims 1-13 have been considered but are moot in view of the new ground(s) of rejection.

***Conclusion***

6. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the Examiner should be directed to Khawar Iqbal whose telephone number is (571) 272-7909.

If attempts to reach the Examiner by telephone are unsuccessful, the Examiner's supervisor, **Marsha D. Banks-Harold** can be reached on (571) 272-7905. The fax



Art Unit: 2688

phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free) or 703-305-3028.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist/customer service whose telephone number is (571) 272-2600.

*Khawar Iqbal*

*Marsha D Banks-Harold*  
MARSHA D. BANKS-HAROLD  
SUPERVISORY PATENT ENGINEER  
TECHNOLOGY CENTER 2600